

Title (en)
Refrigeration system for milk

Title (de)
Kühlanlage für Milch

Title (fr)
Système de refroidissement pour du lait

Publication
EP 1260777 B1 20060607 (EN)

Application
EP 02076169 A 20020325

Priority
NL 1018130 A 20010522

Abstract (en)
[origin: EP1260777A1] The invention relates to a refrigeration system for milk, comprising a milk tank (1) provided with an evaporator (3), inseparably connected to the milk tank (1), a temperature sensor (10), a stirring apparatus (11,12), a compressor (5), a condensor (6) connected to compressor (5), a storage tank (7) for condensed cooling medium, connected to condensor (6) and a valve (8), via which condensed cooling medium may flow towards evaporator (3). According to the invention a more precise cooling with a higher efficiency can be obtained by stopping compressor (5) if the pressure at the exit of evaporator (3) becomes too low. <IMAGE>

IPC 8 full level
F25B 49/02 (2006.01); **A01J 9/04** (2006.01); **F25D 31/00** (2006.01)

CPC (source: EP)
A01J 9/04 (2013.01); **F25B 49/022** (2013.01); **F25D 31/006** (2013.01); **F25D 2700/16** (2013.01)

Cited by
CN113819710A; US10537088B2; US11013441B2; WO2016108745A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1260777 A1 20021127; **EP 1260777 B1 20060607**; AT E329215 T1 20060615; DE 60212000 D1 20060720; DE 60212000 T2 20070606; DK 1260777 T3 20060925; NL 1018130 C2 20021125

DOCDB simple family (application)
EP 02076169 A 20020325; AT 02076169 T 20020325; DE 60212000 T 20020325; DK 02076169 T 20020325; NL 1018130 A 20010522